

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

EXTERNAL CAVITY TYPE SEMICONDUCTOR LASER

the specification of which was filed on May 19, 2006

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys/agent(s) at Rader, Fishman & Grauer PLLC, 1233 20th Street, N.W., Suite 501, Washington, DC 20036, to insert above the filing date and/or Application No. of said application.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

- ☐ no such foreign applications have been filed
- ☒ such foreign application have been filed as follows:

**EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

| Application Number | Country | Date of Filing | Priority Claimed<br>Under 35 USC 119 |
|--------------------|---------|----------------|--------------------------------------|
| JP 2003-404693     | Japan   | 12/03/2003     | <u>  x  </u> Yes No <u>      </u>    |

**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

| Application Number | Country | Date of Filing |
|--------------------|---------|----------------|
|                    |         |                |
|                    |         |                |
|                    |         |                |

**CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS**  
I hereby claim priority benefits under Title 35, United States Code § 119(e), of any United States provisional patent application(s) listed below:

☒ no such U.S. provisional applications have been filed.

☐ such U.S. provisional application have been filed as follows:

| Application Number | Date of Filing | Priority Claimed<br>Under 35 USC 119 |
|--------------------|----------------|--------------------------------------|
|                    |                | <u>      </u> Yes No <u>      </u>   |
|                    |                | <u>      </u> Yes No <u>      </u>   |
|                    |                | <u>      </u> Yes No <u>      </u>   |

**CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)**

I hereby claim the benefit under Title 35, United States Code, § 120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

☐ no such U.S./PCT applications have been filed.

☒ such U.S./PCT application have been filed as follows:

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Attorney Docket No.: SON-3163

| Application Number | Date of Filing | Status<br>(Patented/Pending/Abandoned) |
|--------------------|----------------|--|
| PCT/JP2004/018101  | 11/30/2004     | Pending                                |
|                    |                |  |
|                    |                |  |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following practitioner(s) to prosecute this application and transact all business in the Patent and Trademark Office connected herewith.

| APPOINTED PRACTITIONER(S) | REGISTRATION NUMBER(S) |
|---------------------------|------------------------|
| Ronald P. Kananen         | 24,104                 |
|                           |                        |
|                           |                        |
|                           |                        |

I hereby appoint the practitioner(s) associated with **Customer Number 23353** to prosecute this application and transact all business in the Patent and Trademark Office connected herewith.

Please mail all correspondence to Ronald P. Kananen, whose address is:

**Rader, Fishman & Grauer PLLC**  
1233 20th Street, N.W.  
Suite 501  
Washington, DC 20036

Please direct telephone calls to: Ronald P. Kananen at (202) 955-3750.

Please direct facsimiles to: (202) 955-3751

Attorney Docket No.: SON-3163

|   |                                |
|---|--------------------------------|
| Full name of sole or first inventor<br><b>Tomiji Tanaka</b>   |                                |
| Sole or first inventor's signature<br><i>Tomiji Tanaka</i>  | Date<br><i>August 17, 2006</i> |
| Residence<br><b>Saitama, Japan</b>  |                                |
| Citizenship<br><b>Japan</b>   |                                |
| Mailing Address<br><br>c/o Sony Corporation<br>7-35, Kitashinagawa 6-Chome,<br>Shinagawa-Ku, Tokyo, Japan |                                |

|   |                                 |
|---|---------------------------------|
| Full name of second inventor, if any<br><b>Kazuo Takahashi</b>  |                                 |
| Second inventor's signature<br><i>Kazuo Takahashi</i>   | Date<br><i>October 20, 2006</i> |
| Residence<br><b>Tokyo, Japan</b>  |                                 |
| Citizenship<br><b>Japan</b>   |                                 |
| Mailing Address<br><br>c/o Sony Corporation<br>7-35, Kitashinagawa 6-Chome,<br>Shinagawa-Ku, Tokyo, Japan |                                 |

|   |                                 |
|---|---------------------------------|
| Full name of third inventor, if any<br><b>Motonobu Takeya</b>   |                                 |
| Third inventor's signature<br><i>Motonobu Takeya</i>  | Date<br><i>October 27, 2006</i> |
| Residence<br><b>Miyagi, Japan</b>   |                                 |
| Citizenship<br><b>Japan</b>   |                                 |
| Mailing Address<br><br>c/o Sony Corporation<br>7-35, Kitashinagawa 6-Chome,<br>Shinagawa-Ku, Tokyo, Japan |                                 |

|                                      |      |
|--------------------------------------|------|
| Full name of fourth inventor, if any |      |
| Fourth inventor's signature          | Date |
| Residence                            |      |
| Citizenship                          |      |
| Mailing Address                      |      |